

February 13, 2007

**ADDENDUM NO. 2
FOR
FIRE STATION #12 and #17 PROJECT**

Notice is hereby given that the following **revisions**, additions and/or deletions are hereby made of, and incorporated into plans and specifications for the **FIRE STATION #12 AND #17 PROJECT**. This addendum shall supersede the original contract documents, and previous addenda wherein it contradicts the same and shall take precedence over anything to the contrary therein. All other conditions remain UNCHANGED.


GENERAL:

Please find attached Addenda #2 with modifications to the Bid Date, Project Manual and Drawings. A complete listing of all modified Project Manual and Drawing sheets is included in the attached documentation.

INSTRUCTIONS TO BIDDER:

The bidder must sign this addendum in the space provided below and return one signed copy with the bid. **Failure to return the signed copy with the bid documents shall not relieve the bidder of the obligation to include this addendum with the bid proposal.**

APPROVED BY:


Katy Allen
Director of Public Work

Bidder's Name	Date
Signature & Title of Bidder	

February 13, 2007

**ADDENDUM NO. 2
FOR
FIRE STATION #12 and #17 PROJECT**

Notice is hereby given that the following **revisions**, additions and/or deletions are hereby made of, and incorporated into plans and specifications for the **FIRE STATION #12 AND #17 PROJECT**. This addendum shall supersede the original contract documents, and previous addenda wherein it contradicts the same and shall take precedence over anything to the contrary therein. All other conditions remain UNCHANGED.

PRE-BID QUESTIONS and GENERAL INFORMATION

1. Q: What were the Bid results from the August 2006 bid period for Fire Station No. 17?
A: *Refer to the enclosed City of San Jose bid sheet, opened on 8/17/06, for the prior bid results for Fire Station No. 17. NOTE: the FS No. 17 contract documents issued for 8/17/06 bid opening are different from those used in the current bid package.*
 2. Q: What are the City Permit fee costs?
A: *All construction permits and fees are to be the responsibility of the contractor. The City provides no cost inspections and permits for all building trades on site.*
 3. Q: What special inspections, testing or other documented observation costs will be the responsibility of the contractor?
A: *Special Testing will be provided by the City, but coordinated by the contractor. Testing and all other documented observations costs will be the responsibility of the contractor. Refer also to spec Section 01400, paragraph 1.13, deferred submittals.*
 4. Q: The Specifications state that the contractor is the engineer of record for the above ground fuel storage tanks. Will the manufacturers' calculations provided by a California licensed engineer be acceptable?
A: *Yes.*
 5. Q: Note 11 on sheet C-1 states that the contractor is to prune trees. Please define this work more clearly.
A: *The City Engineer has reviewed the existing notes and plans and feels the work is sufficiently outlined for bidding purposes.*
-

6. Q: Note 12 on sheet C-1 states that the contractor is to repair the irrigation system for adjacent church grounds. Please define this work more clearly.
A: The City Engineer has reviewed the existing notes and plans and feels the work is sufficiently outlined for bidding purposes.
7. Q: Are Coordination Drawings required for this project?
A: Yes, per Section 01310 contained in Volumes 2 & 3
8. Q: Will the City require separate full-time superintendents for each site?
A: The City will require full compliance with the General and Special provisions as well as the requirements of the Division 1 Sections included in Volume 2 & 3. See also the Revisions to Section 01310 contained in this Addendum.

A. CHANGES AND/OR CLARIFICATIONS TO VOLUME 1 – BID AND CONTRACT DOCUMENTS:

1. NOTICE TO PROSPECTIVE BIDDERS:
 - a. Revise the “Bid Opening” date to **“Tuesday, February 27, 2007 at 3:00 PM”**
2. NOTICE TO CONTRACTORS:
 - a. Revise the bid date under Sub-Paragraph titled: “FILING OF BIDS:” to **“Tuesday, February 27, 2007 at 3:00 PM”**
3. PROPOSAL TO THE CITY OF SAN JOSE:
 - a. REVISE the bid form in include **Add Alternate 3 – Provide Emergency Generators and fuel tanks (Combined total for both stations. The base bid includes concrete pad and conduits for hook-up at each station)** per the attached form.

B. CHANGES AND/OR CLARIFICATIONS TO VOLUME 2 – TECHNICAL SPECIFICATIONS FOR FIRE STATION #12:

1. SECTION 01210 – ALLOWANCES:

a. REVISE Paragraph 3.4.B.3 (*Changes in Bold*)

Allowance No. 3: Site Preparation Allowance” Allow a lump sum of seventy-five thousand dollars (\$75,000) for **removal of buried construction debris as delineated and noted on sheet C-1. Allowance shall include, but not limited to: excavating top soil and other debris underneath the existing mound as shown on sheet C-1, removal and proper disposal of debris, and any testing, soil sampling and any other required verification per applicable landfill requirements. Backfill with engineered fill as per the requirements in these specifications. Debris was visually inspected and found to be wood, concrete chunks and lengths of plastic pipe. The City of San Jose has performed a phase 1 soils test and found no evidence of contamination in the samples tested. Refer to section 01420, 1.5 .A. items 1 thru 4 for additional references.** This allowance does not cover spoils from other sections of this contract.

2. SECTION 01230 – ALTERNATES:

a. ADD item 3 to Paragraph 3.1 titled “Schedule of Alternates” per the following:

“3. Add Alternate 3: Provide Emergency Generator and fuel tank. (The base bid includes concrete pad and conduits for hook-up)

3. SECTION 01310 - PROJECT MANAGEMENT AND COORDINATION:

a. ADD the following after Paragraph 1.4.a.2.b

“i. For the purposes of the preceding paragraph, “full-time” shall be defined as at any time the Contractor, subcontractors, vendors or suppliers are on site. At no time shall the Contractor allow anyone, other than the City or its consultants, access to the site to unless the superintendent is present.”

b. DELETE the following words from Paragraph 1.07 –Project Meetings sub-paragraph D.2,: **“or approve”**

c. REVISE Paragraph 1.9 – “DRAWINGS AND SUBMISSION”, sub-paragraphs “A” & “B” per the following (*Changes in Bold*)

“1.9 DRAWINGS AND SUBMISSION

A. Coordination Drawings:

1. Prepare Coordination Drawings if limited space availability necessitates maximum utilization of space for efficient installation of different components

or if coordination is required for installation of products and materials fabricated by separate entities **or for installation of all sub-grade and under-slab items prior to installation of all on-grade concrete slabs and pavement.**

- a. Indicate relationship of components shown on separate **contract document drawings and specifications as well as Contractor Shop Drawings.**
 - b. Indicate required installation sequences.
 - a. Refer to **Division 3 – Section 3300 – Cast-In-Place Concrete,** Division 15 Section "Basic Mechanical Materials and Methods" and Division 16 Section "Basic Electrical Materials and Methods" for specific Coordination Drawing requirements for all **sub-grade and sub-slab items as well as well as** mechanical and electrical installations.
1. The Contractor shall prepare Field Coordination Drawings showing potential conflicts between the work and equipment including sizes, location and mounting height dimensions. Coordination Drawings shall be prepared at appropriate scales for locations on the Project to show where conflicts are likely to occur because of tight systems and space relationships. Two sets of Coordination Drawings shall be submitted to the City.
 2. Contractor shall prepare and revise field coordination drawings and perform the work necessary due to the coordination of the Subcontractors at no additional cost to the City.
- B. Layout Drawings: As soon as practical and in no case starting later than 40 days **(20 Days in the case of sub-grade and under-slab items)** after the award of contract, the Contractor shall prepare layout drawings of all duct work and **piping as well as all sub-grade and under-slab items,** at not less than 1/4" scale.
1. These drawings will show **piping, conduit,** registers, grilles, diffusers, and similar features, as well as, locations of all valves dampers, and other items requiring access for service and maintenance. The drawings will also show beams, ceiling heights, walls, floor to floor dimensions, columns, doors and other major architectural and structural features as shown on the **civil, landscape, architectural and structural drawings.**
 2. The Contractor shall, within 120 days after award, send a reproducible of the layout drawings to the subcontractors, who will then mark on the reproducible their own routings including other major items such as valves, access panels, switch panels, etc., as required to determine interrelationship and possible interference with HVAC work and architectural or structural features.
 3. **For drawings related to all sub-grade and under-slab items, the Contractor shall, within 45 days after award, send a reproducible of the layout drawings to the subcontractors, who will then mark on the reproducible their own routings including other major items such as valves, clean-outs, vents, access panels, manholes, etc., as required to determine interrelationship and possible interference with sub-grade/under work and civil, landscape, architectural or structural features.**

4. SECTION 01320 - CONSTRUCTION PROGRESS DOCUMENTATION:

- a. REVISE Paragraph 1.8.D to read **(Changes in Bold)**

“D. The reviewed and **accepted** Construction Schedule and the computer-produced schedule(s) there from shall constitute the Project Construction Schedule until subsequently revised in accordance with requirements of this Section.”

b. REVISE Paragraph 1.12.B to read (*Changes in Bold*)

“B. Prepare a Materials Status Report on the form approved by the City and submit this report, as soon as possible, but not later than thirty (30) days after award of the Contract. The Materials Status Report shall be updated monthly. Delivery dates provided on the Materials Status Report shall conform to the **accepted** Construction Schedule. The updated Materials Status Report shall accompany each application for payment.

5. SECTION 01500 - TEMPORARY FACILITIES AND CONTROLS:

a. ADD the following to Paragraph 3.2.F.a (*Changes in Bold*)

“a. Provide minimum of 1 dedicated line for computer “Hi-Speed” DSL/Cable internet connection for use by construction personnel, **the City and its consultants.**”

6. SECTION 02220 – STRUCTURE EXCAVATION AND BACKFILL

Delete this section.

7. SECTION 02225 – DEMOLITION

Paragraph 1.02 related sections

REVISE all references in sections B,C,D and E with the following reference:

“Section 02300- Earthwork”

8. SECTION 02300 – EARTHWORK

Replace entire division with attached exhibit- revised section 02300

9. SECTION 02510 – WATER DISTRIBUTION

Paragraph 1.02 related sections

REVISE all references in sections A,B and C, with the following reference:

“Section 02300- Earthwork”

10. SECTION 02551 – SITE GAS DISTRIBUTION

Paragraph 1.02 related sections

REVISE all references in sections A,B and C with the following reference:

“Section 02300- Earthwork”

11. SECTION 03300- CAST-IN-PLACE CONCRETE

a. ADD item 8 to Paragraph 1.02.C as follows:

“8. **Project Management and Coordination; Section 01310 – Comply with Paragraph 1.9 – Drawings and Submission.**

b.

c. ADD item 3 to Paragraph 1.05.A as follows:

“3. **“The Contractor shall submit all drawings required under Section 01310**

to verify coordination with all trades.

- d. REVISE Paragraph 1.06.A to read as follows. (*Changes in Bold*)
- e. "A.. Obtain information and instructions from other trades and suppliers in ample time to schedule and coordinate the installation of items furnished by them to be embedded in, **penetrate or installed beneath** concrete so provision for their work can be made without delaying the project.

12. SECTION 08710- DOOR HARDWARE

- a. DELETE the following to Paragraph 2.01 Item C under "Acceptable Substitutions":
 "(Project standard, no substitute)"
 ADD the following to Paragraph 2.01 Item C under "Acceptable Substitutions":
 "Equal"
- b. ADD the following to Paragraph 2.04:
 "E. Keyways: Schlage E keyway with an I.C. Core (interchangeable)."

13. SECTION 09250 – GYPSUM BOARD

- a. DELETE Section 09250 Paragraph 2.01 item C
- b. ADD Section 09250 Paragraph 2.01 item C **"Not Used."**

14. SECTION 10400 – IDENTIFICATION DEVICES

- a. REVISED section included in addendum.
- b. REVISE Paragraph 1.01 item A to read (*Changes in Bold*)
 "A.Section Includes:
 - 1. Provision of Code required signs.
 - 2. **Exterior cast aluminum letters over sunshade"**
- c. REVISE Paragraph 2.01 item A to read (*Changes in Bold*)
 "A.Acceptable Manufacturers:
 - 1. **Code required signs:** ARK Ramos; Best Sign System, or equal.
 - 2. **Exterior cast aluminum letters: Gemini or equal."**
- d. REVISE Paragraph 2.01 item F to read (*Changes in Bold*)
 "B.Exterior **ADA** Signs: 18 gauge bonderized steel, screen printed blue with white symbol in accordance with ADA.."
- e. ADD Paragraph 2.01 item G :
 "G. Exterior Cast Aluminum Letters : Anodized cast aluminum letters. Cast in one piece. For 14 For 14 inch high letters, minimum depth of 1 inch. For 8 inch high letters, minimum depth of ¾ inch.

- f. ADD Paragraph 2.06:

“2.06 ALUMINUM CAST LETTERS

- A. General: Provide aluminum framing and tiebacks as need to install letters. Letters to be supported from bottom, with tieback as recommended by manufacturer.**
- B. Only in Fire Station 12: Letters to be Helvetica, 14 inch high all upper case. With Gemini, install with bottom rail installation. Exact spacing of letters, as approved by Architect. Other fonts, as approved by Architect.**
- C. Finish: Natural Satin Finish.**
- D. Location: Attached on the end of the sunshade, over apparatus bay doors. See drawing.”**

15. SECTION 15492-DIESEL FUEL STORAGE TANK AND PIPING SYSTEMS

- a. REVISE Section 15492 Paragraph 2.1A per enclosed.**
- c. REVISE Section 15492 Paragraph 2.3A per enclosed.**
- d. REVISE Section 15492 Paragraph 2.4B per enclosed.**
- e. REVISE Section 15492 Paragraph 2.5B Belowground Piping per enclosed.**

B. CHANGES AND/OR CLARIFICATIONS TO THE FIRE STATION #12 PROJECT DRAWINGS:

1. Sheet T2 – title sheet - **addendum #1**
 - a. ADD to add alternates the following
“3. Provide emergency generator and above ground fuel oil storage tank (the base bid includes reinforced concrete pad and conduits for hookup.)
2. Sheet C-1- existing conditions plan- **addendum #1**
 - a. Clarify scope of soil removal
 - b.
3. Sheet C-3 – Storm Filter Clarification
 - a. ADD Note: **Contractor to provide two (2) 8” inlets to Storm Filter. One connected to the trench drain and the second connected to the site area drain system. Inlet elevations shall be at 159.2 feet for both.**
 - b. ADD Note: **Invert outfall elevation for Storm Filter to be at 156.9 feet.**
4. Sheet C-4- utility plan- **addendum #1**
 - a. Clarify electrical service to the site
 - b. Relocate fire BFP, FDC and route of fire service lines
 - c. Clarify CTV box and conduit
5. Sheet A1.2 – Enlarged Site Plan - **addendum #1**
 - a. REVISE sheet note 1 to read: **(Changes in Bold)**
“ Generator, add alt #3”
 - b. REVISE sheet note 2 to read: **(Changes in Bold)**
“ Fuel Station, add alt #3”
6. Sheet A3.1 – Building Elevations **addendum #1**
 - a. REVISE sheet note 6 to read: **(Changes in Bold)**
“ Vertical ¼” control joint, center on window.”
 - b. ADD sheet note 17 to read:
“ Aluminum cast 14” high letters, see specs.”
 - c. ADD sheet note 17 on elevation 4.
7. Sheet A8.4 – Sunshade Details – no changes to drawings
 - a. Detail D4: Measurement A is approximately 4’- 6½”, and measurement B is approximately 3’-10½”. Field verify measurements.
8. Sheet P2.1
 - a. Added Note #6 on Sheet P2.1- **to indicate that the fuel tank and all associated components are add/alt #3**

9. Sheet P5.1
 - a. REVISE detail #1- hot and cold water piping at decon sink per **exhibit sketch #5**
9. Sheet E0.2 - **addendum #1**
 - a. Type B fixture change lamp type from LPS to MH
 - b. Type E fixture change lamp to 26watts
 - c. Type L-1 fixture change 2X4 to wrap around
 - d. Type Q fixtures change lamp to (2) 26 watts
 - e. Type U fixture added wall brackets to the description.
 - f. Type W fixture added battery backup to the description.
10. Sheet E0.3 - **addendum #1**
 - a. Added automatic shunt trip feature to Kirk Key.
 - b. Change the 402 feeder from 2#8 to 3 #8
11. Sheet E0.5 - **addendum #1**
 - a. Revised the FSAS cooking control diagram
 - b. Revised the FSAS (ZETRON) wiring diagram
 - c. Added Diesel exhaust system control diagram
12. Sheet E0.6 - **addendum #1**
 - a. Added diagram for outdoor speakers
 - b. Revised FSAS lighting control diagram
13. Sheet E0.7 -**Delete entire sheet.** The fire alarm will consist of the following elements:
 - a. Fire alarm panel shall monitor the sprinkler and flow switches. The fire alarm panel shall have a built-in dialer. The dialer shall call the fire communications center if an alarm from waterflow or a trouble from tamper switch or a trouble from wiring condition fault. The alarm shall also cause panel to activate the (2) horn/strobes. The fire alarm panel shall have (1) smoke detector directly above and wired to the fire alarm panel.
14. Sheet E0.8 and E0.8A - **addendum #1**
 - a. Revised panel schedules
 - b. Added circuits.
15. E0.9A & 9B - **addendum #1**
 - a. Revise lamp wattage to match with E0.2
16. E1.0 - **addendum #1**
 - a. Revise location of the gate controller
 - b. Added additional conduits for gate control
 - c. Revised sheet notes 25 , 38 and 39.
 - d. Added general notes 8, 9, and 10.

- e. Added a dedicated circuit for fixture type "X"
- f. Added power conduit and control for Veeder root overflow alarm
- g. Clarified the location of incoming power.

17. E2.0 - **addendum #1**

- a. Revise sheet note 5, 27, and 32.
- b. Added sheet notes 38, and 39
- c. Moved Panel P1 from G-5s to G-2S
- d. Revise panel P3 to flush mounted
- e. Revise panel P5 to surface mounted
- f. Added backboard along length of the wall for CATV
- g. Added a dedicated circuit for FSAS printer
- h. Revise circuit for clock from dedicated to common circuit
- i. Revise circuiting for Day room.
- j. Add a pushbutton out side the work room.

18. E2.1 - **addendum #1**

- a. DELETE FACP.
- b. DELETE general note 1.
- c. REVISE smoke detectors to single station, 120V type. They will not be connected to the fire alarm panel. The smoke detectors will be wired such that if one activates, all smoke detectors in station shall alarm. Provide (1) smoke detector in the dayroom, (1) in the communications room, and (1) in the hallway near the stairs in both the first and second floor. Provide (1) smoke detector in each bunk room.
- d. DELETE horn/strobes from interior of building. Provide an allowance for (1) horn/strobe in the interior of building. Location to be coordinated with City.
- e. REVISE Bell next to sprinkler riser to a Horn/strobe.

19. E3.1 - **addendum #1**

- a. REVISE location of heat pumps
- b. ADD Vehicle exhaust system in apparatus bay.
- c. ADD a circuit for Vehicle exhaust system.
- d. ADD " Via control panel " to homerun for VES.

20. E3.2 - **addendum #1**

- a. ADD mounting heights for receptacles.
- b. ADD a new receptacle.

21. E4.1 - **addendum #1**

- a. ADD sheet notes 13 and 14.
- b. ADD occupancy sensors for apparatus bay.
- c. REVISE wall mounted occupancy sensor to ceiling mounted type in the turnout room and yard storage
- d. REVISE some switching circuits.

22. E5.0 - **addendum #1**

- a. REVISE sheet notes 1 , 5, 6, 12, 14, and 14.
- b. DELETE sheet note 20.
- c. REVISE general notes 2, and 4
- d. REVISE speaker transformer location from mechanical room to communication room.
- e. ADD a speaker in pole room
- f. REVISE apparatus bay speaker zone to "F"
- g. DELETE fire alarm annunciator panel from the downstairs bathroom.
- b.

C. CHANGES AND/OR CLARIFICATIONS TO VOLUME 3 – TECHNICAL SPECIFICATIONS FOR FIRE STATION #17:

1. SECTION 01230 – ALTERNATES:

- a. ADD item 3 to Paragraph 3.1 titled "Schedule of Alternates" per the following:
"3. Add Alternate 3: Provide Emergency Generator and fuel tank. (The base bid includes concrete pad and conduits for hook-up)"

2. SECTION 01310 - PROJECT MANAGEMENT AND COORDINATION:

- a. ADD the following subparagraph after Paragraph 1.4.a.2.b

"i. For the purposes of the preceding paragraph, "full-time" shall be defined as at any time the Contractor, subcontractors, vendors or suppliers are on site. At no time shall the Contractor allow anyone, other than the City or its consultants, access to the site to unless the superintendent is present."
- b. DELETE the following words from Paragraph 1.07 –Project Meetings subparagraph D.2,: **"or approve"**
- c. REVISE Paragraph 1.9 – "DRAWINGS AND SUBMISSION", subparagraphs "A" & "B" per the following (*Changes in Bold*)

"1.9 DRAWINGS AND SUBMISSION

A. Coordination Drawings:

- 1. Prepare Coordination Drawings if limited space availability necessitates maximum utilization of space for efficient installation of different components **or** if coordination is required for installation of products and materials fabricated by separate entities **or for installation of all sub-grade and sub-slab items prior to installation of all on-grade concrete slabs and pavement.**
 - a. Indicate relationship of components shown on separate **contract document drawings and specifications as well as Contractor Shop Drawings.**
 - b. Indicate required installation sequences.
 - b. Refer to **Division 3 – Section 3300 – Cast-In-Place Concrete**, Division 15 Section "Basic Mechanical Materials and Methods" and Division 16 Section "Basic Electrical Materials and Methods" for specific Coordination Drawing requirements for all **sub-grade and sub-slab items as well as well as** mechanical and electrical installations.
- 3. The Contractor shall prepare Field Coordination Drawings showing potential conflicts between the work and equipment including sizes, location and mounting height dimensions. Coordination Drawings shall be prepared at appropriate scales for locations on the Project to show where conflicts are

likely to occur because of tight systems and space relationships. Two sets of Coordination Drawings shall be submitted to the City.

4. Contractor shall prepare and revise field coordination drawings and perform the work necessary due to the coordination of the Subcontractors at no additional cost to the City.

B. Layout Drawings: As soon as practical and in no case starting later than 40 days **(20 Days in the case of sub-grade and under-slab items)** after the award of contract, the Contractor shall prepare layout drawings of all duct work and **piping as well as all sub-grade and under-slab items**, at not less than 1/4" scale.

1. These drawings will show **piping, conduit**, registers, grilles, diffusers, and similar features, as well as, locations of all valves dampers, and other items requiring access for service and maintenance. The drawings will also show beams, ceiling heights, walls, floor to floor dimensions, columns, doors and other major architectural and structural features as shown on the **civil, landscape, architectural and structural drawings**.
2. The Contractor shall, within 120 days after award, send a reproducible of the layout drawings to the subcontractors, who will then mark on the reproducible their own routings including other major items such as valves, access panels, switch panels, etc., as required to determine interrelationship and possible interference with HVAC work and architectural or structural features.
3. **For drawings related to all sub-grade and under-slab items, the Contractor shall, within 45 days after award, send a reproducible of the layout drawings to the subcontractors, who will then mark on the reproducible their own routings including other major items such as valves, clean-outs, vents, access panels, manholes, etc., as required to determine interrelationship and possible interference with sub-grade/under work and civil, landscape, architectural or structural features.**

3. SECTION 01320 - CONSTRUCTION PROGRESS DOCUMENTATION:

- a. REVISE Paragraph 1.8.D to read **(Changes in Bold)**

"D. The reviewed and **accepted** Construction Schedule and the computer-produced schedule(s) there from shall constitute the Project Construction Schedule until subsequently revised in accordance with requirements of this Section."

- b. REVISE Paragraph 1.12.B to read **(Changes in Bold)**

"B. Prepare a Materials Status Report on the form approved by the City and submit this report, as soon as possible, but not later than thirty (30) days after award of the Contract. The Materials Status Report shall be updated monthly. Delivery dates provided on the Materials Status Report shall conform to the **accepted** Construction Schedule. The updated Materials Status Report shall accompany each application for payment."

4. SECTION 01500 - TEMPORARY FACILITIES AND CONTROLS:

- a. ADD the following to Paragraph 3.2.F.a **(Changes in Bold)**

- “a. Provide minimum of 1 dedicated line for computer “Hi-Speed” DSL/Cable internet connection for use by construction personnel, **the City and its consultants.**”

5. SECTION 02665 – DOMESTIC WATER AND FIRE SERVICE

- a. DELETE Section 02665 paragraph 2.01 – H
- b. ADD to Section 02665 paragraph 2.01 –H “Fill Station Device:
“D. Sometimes referred to as a Pony or Wharf Hydrant: Install Fill Station Device as a completed assembly. The Hydrant shall be Potter-Roemer 4065-B 2 ½” Diameter polished brass valve with 4625-B cap & chain or approved equal. Cast brass flange with set screws shall be 4712 or approved equal.”

6. SECTION 03300- CAST-IN-PLACE CONCRETE

- a. ADD item B to Paragraph 1.01. as follows:
“B. Project Management and Coordination; Section 01310 – Comply with Paragraph 1.9 – Drawings and Submission.
- b.
- c. ADD item K to Paragraph 1.05 as follows:
“K. The Contractor shall submit all drawings required under Section 01310 to verify coordination with all trades.
- d. REVISE Paragraph 1.06.A to read as follows. *(Changes in Bold)*
- e. “A. Obtain information and instructions from other trades and suppliers in ample time to schedule and coordinate the installation of items furnished by them to be embedded in, penetrate or installed beneath concrete so provision for their work can be made without delaying the project.

7. SECTION 06200 – FINISH CARPENTRY

- a. DELETE Section 06200 1.01 A. 4. Not Used.
- b. ADD Section 06200 1.04 A. 4. “Apparatus Bay Plywood Wainscot”
- c. REVISE Section 06200 2.01 A. 1. to read *(Changes in Bold)*
1. Only in Fire Station 17 - For Transparent Finish: Clear Maple Finish (At Apple Plywood Sills)
- d. REVISE Section 06200 2.01 B. 2. to read *(Changes in Bold)*
Apparatus bay wainscot Plywood; 1/2" DF AA/AB Marine Plywood with semi-transparent stain per section 09900.

8. SECTION 06400 – Custom Casework

- a. DELETE this section. Custom Casework is covered in Section 06410.

9. SECTION 08710- DOOR HARDWARE

- a. DELETE the following in Paragraph 2.01 Item C:

“E. Keyways: Schlage E keyway with an I.C. Core (interchangeable).”

- b. ADD the following to Paragraph 2.04:

“E. Keyways: Schlage E keyway with an I.C. Core (interchangeable).”

10. SECTION 08800 – GLAZING

- a. REVISE Section 08800 2.02 B. 1. to read *(Changes in Bold)*
“1. Glass: ASTM C1036, Type 1 (Transparent glass, flat), Class 1 (clear),
Quality q3 (glazing select), rolled glass, channel shape, **Low E standard**
cast.

11. SECTION 09250 – GYPSUM BOARD

- a. DELETE Section 09250 Paragraph 2.02 item D
b. ADD Section 09250 Paragraph 2.02 item D **“Not Used.”**

12. SECTION 09510 – ACOUSTICAL CEILINGS

- a. REVISE Section 09510 2.02 A. to read *(Changes in Bold)*
Only in Fire Station 17 – Suspended Ceiling Systems , **ACT-1, ACT-2 and**
ACT-3.
b. REVISE Section 09210 2.02 A.1 b to read *(Changes in Bold)*
b. “System ACT-1”
c. REVISE Section 09210 2.02 A.1 c to read *(Changes in Bold)*
c. “System ACT-2”
d. REVISE Section 09210 2.02 B to read *(Changes in Bold)*
B. Only in Fire Station 17 – Suspended Ceiling System **ACT-3**

13. SECTION 10400 – IDENTIFICATION DEVICES

- a. Revised section included in addendum.
b. REVISE Paragraph 1.01 item A to read *(Changes in Bold)*
“A. Section Includes:
1. Provision of Code required signs.
2. **Exterior cast aluminum letters over sunshade”**
c. REVISE Paragraph 2.01 item A to read *(Changes in Bold)*
“A. Acceptable Manufacturers:
1. **Code required signs:** ARK Ramos; Best Sign System, or equal.
2. **Exterior cast aluminum letters: Gemini or equal.”**
d. REVISE Paragraph 2.01 item F to read *(Changes in Bold)*
“B. Exterior **ADA** Signs: 18 gauge bonderized steel, screen printed blue with
white symbol in accordance with ADA..”
e. ADD Paragraph 2.01 item G :

“G. Exterior Cast Aluminum Letters : Anodized cast aluminum letters. Cast in one piece. For 14 inch high letters, minimum depth of 1 inch. For 8 inch high letters, minimum depth of ¾ inch.

f. ADD Paragraph 2.06:

“2.06 ALUMINUM CAST LETTERS

A. General: Provide aluminum framing and tiebacks as need to install letters. Letters to be supported from bottom, with tieback as recommended by manufacturer.

B. Only in Fire Station 17: Letters to be Futura Light BT, 8 inch high all upper case. With Gemini, install with bottom rail installation. Exact spacing of letters, as approved by Architect. Other fonts, as approved by Architect.

C. Finish : Natural Satin Finish.

D. Location: Attached on the end of the sunshade, over apparatus bay doors. See drawing.”

D. CHANGES AND/OR CLARIFICATIONS TO THE FIRE STATION #17 PROJECT DRAWINGS:

1. Sheet A-0.1 – Cover Sheet
 - a. ADD item no. 3 to Add Alternates list:
“3. Provide emergency generator and above ground fuel oil storage tank (the base bid includes reinforced concrete pad and conduits for hookup.)”
2. Sheet C-1 Existing Site Plan, Clearing and Erosion Control Plan
 - a. DELETE items marked for demo that are no longer on the site.
Reissued entire Sheet C-1.
3. Sheet C-2 Grading and Drainage Plan
 - a. REVISE point of connection and routing of pipe to existing Storm Drain on Coniston Way.
 - b. DELETE trenching and connection to Storm Drain on Blossom Hill.
 - c. ADD General Notes and adjusted elevations for drainage around site.
 - d. REVISE location of Storm Filter at Coniston Drive Entry.
Reissued entire Sheet C-2
4. Sheet C-3 Utility Plan
 - a. ADD saw cut areas at existing power pole and phone box on Blossom Hill.
 - b. ADD possible point of connection for gas line.
 - c. DELETE Street Fire Hydrant.
 - d. REVISE location of 6” fire service line and 2” water service and backflow preventers to North property line on Coniston Way.
 - e. REVISE detail 1/C-3.
Reissued entire Sheet C-3
5. Sheet C-4 Details
 - a. REPLACE previous Storm Filter details with new Contech Precast Manhole Storm Filter Detail.
 - b. ADD driveway profile at Coniston Way.
Reissued entire Sheet C-4
6. Sheet L4.0 – Planting Plan
 - a. ADD Platanus Acerifolia “Yarwood” tree adjacent to Workout Room.
Per Sketch 01.
 - b. REVISE location of water meter and backflow preventers per Civil Drawings issued in this Addendum.

7. Sheet A-1.1 – Site Plan
- REVISE Keynote 12 to read **“Not used.”** Deleted associated street fire hydrant.
 - REVISE Keynote 18 to read **“Generator (Bid Alternate)** on reinf. concrete equipment pad. See structural, plumbing and electrical drawings.
 - REVISE Keynote 19 to read **“Fuel Tank (Bid Alternate)** on reinf. concrete pad. See structural, plumbing and electrical drawings.
 - REVISE Keynote 20 to read **“Fuel Dispensing Pump (Bid Alternate),** see mechanical and electrical dwgs.
 - REVISE water meter and storm filter to new locations. See Civil drawings issued in this Addendum.
 - REVISE Keynote 27 to read **“Rain water leader, see detail 14/A-7.1”.**
See Sketch 02.
8. Sheet A-2.1 – First Floor Plan
- DELETE Keynote 69 from inside the Turnout Room 116. It does not apply here.
9. Sheet A-3.1 – Exterior Elevations
- REVISE Keynote 2 to read **(Changes in Bold)**
7" TALL X 1" DEEP BRUSHED ALUMINUM ADDRESS SIGNAGE.
PIN MOUNTED TO FLOAT 1" FROM FACE OF WALL. FONT:
FUTURA LIGHT BT.
10. Sheet A-3.2 – Exterior Elevations
- REVISE Keynote 2 to read **(Changes in Bold)**
BRUSHED ALUMINUM 8" TALL X 1" DEEP CAPITAL LETTERS.
FONT: FUTURA LIGHT BT SIGNAGE; PIN MOUNTED ON AWNING
FRAME.
11. Sheet A-5.1 – Interior Elevations
- ADD **“Keynote 21, Typ.”** to tile base in Elevation 5.a. Unisex Toilet.
12. Sheet A-5.2 – Interior Elevations
- REVISE Keynote 1 to read **(Changes in Bold):**
“1/2” painted plywood, see detail 16/A-11.1.”
 - REVISE Keynote 2 to read **(Changes in Bold):**
“Fiber reinforced panel, carry around North wall, see detail 6/A7.1 SIM.
13. Sheet A-6.1 – First Floor Reflected Ceiling Plan
- ADD General Note
“E. At gyp. board dropped ceilings, provide 2 x 6 framing at 16” o.c. for attachment.

14. Sheet A-6.1 – Second Floor Reflected Ceiling Plan

- a. ADD General Note:
“B. At gyp. board dropped ceilings, provide 2 x 6 framing at 16” o.c. for attachment.

15. Sheet A-7.1 – Enlarged Stair Plans and Details

- a. ADD new detail 14/A-7.1. **See Sketch 02.**

16. Sheet A-8.1 Door and Window Schedules

- a. REVISE size of Doors 203, 207 and 209 to be 3’-0” wide x 7’-0” tall.
- b. REVISE size of Doors 204 and 208 to be 3’-0” wide x 7’-0” tall.
- c. REVISE Hardware Group for Doors 203 and 207 to be Hardware Group 18.
- d. REVISE Hardware Group for Doors 204 and 206 to be Hardware Group 3.
- e. REVISE Door Material for Door 116 from “Composite” to “Wood”.
- f. REVISE Door Frame and Finish for Doors 101, 102, 107, 108A, 110, and 201 through 211 from “Aluminum Anodized” to “Hollow Metal, Painted”.
- g. REVISE Remarks for Windows 5 and 33. DELETE “Sun Protection (Antesol)” and ADD “w/ Nanogel”.
- h. REVISE Window 11 remarks from “top-hinged, project out awning window” to “bottom hinged, project in window”
- i. REVISE Window 16 remarks from “bottom hinged, project out window” to “top hinged, project in window”.
- j. REVISE Window 36 through 39 remarks from “Clerestory window. Top hinged, project out awning window” to “Clerestory window. Bottom hinged, project in awning window”

17. Sheet A-10.1

- a. REVISE details 2, 10 and 20 per enclosed Sketches 03, 04 and 05.

18. Sheet A-11.1

- a. REVISE details 9, 10, 16, 18 per enclosed Sketches 06, 07, 08, 09.

19. Sheet P1.0

- a. ADD to keynote 5, “The fuel storage tank and its associated piping is an additive alternate bid item”

20. Sheet E1.0

- a. ADD to keynote 18, “The Generator is an Additive Alternate Bid Item, All wiring associated with Generator and Generator ATS will remain a base bid item.”
- b. ADD keynote 19. Aim keynote at light pole across the apparatus bay near on the Blossom Hill side. Note shall state, “Provide floodlight on pole aimed at apparatus bay. Floodlight shall be Hubbell QL-505-LO5. Provide appropriate mounting hardware to attach to pole. Provide a switch on pole to control fixture. Pull a hot wire ahead of lighting contactor circuit for light

poles to allow floodlight to be manually controlled independently of light pole "K" fixtures.

21. Sheet E2.4

- a. Revise smoke detectors to single station, 120V type. They will not be connected to the fire alarm panel. The smoke detectors will be wired such that if one activates, all smoke detectors in station shall alarm. Provide (1) smoke detector in the dayroom, (1) in the communications room, and (1) in the hallway near the stairs.
- b. Delete Fire Alarm annunciator panel.
- c. Delete horn/strobes from interior of building. Provide an allowance for (1) horn/strobe in the interior of building. Location to be coordinated with City.
- d. Revise Bell next to sprinkler riser to a Horn/strobe.

22. Sheet E2.5

- a. Revise smoke detectors to single station, 120V type. They will not be connected to the fire alarm panel. The smoke detectors will be wired such that if one activates, all smoke detectors in station shall alarm.
Provide (1) smoke detector in each bunk room. Provide (1) in the 2nd floor hallway
- b. Delete horn/strobes.

23. Sheet E3.0

- a. Delete "EM" notation from lighting plan. Only the exit signs will contain battery backup as noted on fixture schedule.

24. Sheet E3.1

- a. Delete "EM" notation from lighting plan. Only the exit signs will contain battery backup as noted on fixture schedule.

25. Sheet E4.1

- a. Revise fire alarm riser diagram. Fire alarm panel shall monitor the sprinkler and flow switches. The fire alarm panel shall have a built-in dialer. The dialer shall call the fire communications center if an alarm from waterflow or a trouble from tamper switch or a trouble from wiring condition fault. The alarm shall also cause panel to activate the (2) horn/strobes. The fire alarm panel shall have (1) smoke detector directly above and wired to the fire alarm panel.

DESCRIPTION OF WORK:

Furnish all necessary labor, materials, equipment, and incidentals to complete the work, as described in the plans and Specifications for this project.

BID ITEM:

For the FIRE STATION NO. 12 AND FIRE STATION NO. 17

**TOTAL BID PRICE
FOR EACH ITEM
(in figures):**

BASE BID:

1. Construction of a new approx. 6,326 SF two-story Fire Station No. 12 located at 5912 Cahalan Drive, San Jose, CA 95123, Base Bid includes site improvements and allowances (utility connection allowance \$75,000, emergency erosion control allowance \$5,000, and excavation and backfill allowance of \$75,000)
2. Construction of a new approx. 6,471 SF two-story Fire Station No. 17 located at 5170 Coniston Way, San Jose, CA 95118, Base Bid includes site improvements and allowances (utility connection allowance \$75,000 and emergency erosion control allowance \$5,000)

BASE BID:

(The "Base Bid" is the total of items 1 & 2 above)

BID ADD ALTERNATES:

1. Add Alternate 1: Provide irrigation and planting (combined total for both stations)
2. Add Alternate 2: Provide concrete driveways in lieu of asphalt driveways (combined total for both stations)
3. Add Alternate 3: Provide Emergency Generators and fuel tanks (Combined total for both stations. The base bid includes concrete pad and conduits for hook-up at each station)

NOTES:

- (1) Bid Add-Alternates prices are to include the Contractor General Conditions, Project and Overhead, bonding and relate costs specified to the scopes of work for each individual add-alternate.
- (2) Refer to **Specification Section 01230** for additional information for each "Add Alternate" alternate work.
- (3) See the Special Provisions Section in this project manual for descriptions of "Award of Contract".
- (4) Base bid value amount is to include the Allowance value as indicated in **Specification Section 01210**, "Allowances".